

Clinical Trial Protocol

Iranian Registry of Clinical Trials

19 Sep 2026

Efficacy of Ginkgo biloba on ischemic stroke outcome

Protocol summary

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Summary

The aim of this triple blind randomized clinical trial is to assess efficacy of Ginkgo biloba on ischemic stroke outcome compared with placebo. Inclusion criterion for this research is having ischemic stroke as a patient hospitalized in Razi and Imam Reza university hospitals in Tabriz. Exclusion criteria were as: Renal and hepatic failure, warfarin or heparin consumption; pregnancy or breastfeeding; and coma. 200 patients referring to Razi university hospital diagnosed as ischemic stroke will be randomly allocated to receive either Ginkgo biloba or placebo. The main outcome of the trial is the effect of drug on functional status after ischemic stroke. The primary outcome of this study is functional status after stroke measured through NIHSS three times (At hospitalization, discharge and after 4 months).

Recruitment status

Recruitment complete

Funding source

Tabriz University of medical sciences

Expected recruitment start date

2009-08-20, 1388/05/29

Expected recruitment end date

2010-08-20, 1389/05/29

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Efficacy of Ginkgo biloba on ischemic stroke outcome

Public title

Efficacy of Ginkgo biloba on ischemic stroke outcome

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: Ischemic stroke hospitalization in Razi university hospital , Tabriz Exclusion criteria: 1- Renal and hepatic failure 2- Warfarin or heparin consumption 3- Pregnancy or breastfeeding 4- Coma

Age

From **45 years** old to **139 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **200**

Randomization (investigator's opinion)

Randomized

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT138804212150N1**

Registration date: **2009-08-20, 1388/05/29**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2009-08-20, 1388/05/29

Registrant information

Name

Homayoun Sadeghi Bazargani

Name of organization / entity

Tabriz University of medical sciences

Country

Iran (Islamic Republic of)

Phone

+98 41 3337 3741

Email address

Randomization description
Blinding (investigator's opinion)

Triple blinded

Blinding description

Placebo

Used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Tabriz University of medical sciences

Street address

Daneshgah street , Deputy for research, Tabriz
university of medical sciences

City

Tabriz

Postal code

Approval date

2008-08-01, 1387/05/11

Ethics committee reference number

8727

Health conditions studied

1

Description of health condition studied

Ischemic stroke

ICD-10 code

I63

ICD-10 code description

Cerebral infarction

Primary outcomes

1

Description

Functional status after stroke

Timepoint

At hospitalization(0), discharge(1), and after 4 months(2)

Method of measurement

Functional status score based on NIHSS(National institute
of health stroke scale)

Secondary outcomes

empty

Intervention groups

1

Description

Ginkgo biloba tablets(produced with commercial name
as Ginkgo TD)/ 40 mg TDS

Category

Treatment - Drugs

2

Description

Placebo as the same shape and size and color as ginkgo
biloba tablets

Category

Placebo

Recruitment centers

1

Recruitment center

Name of recruitment center

Razi and Imam reza University hospoital, Tabriz, Iran

Full name of responsible person

Dr. Mehdi Farhoudi

Street address

Golgasht street, Faculty of medicine , deputy for
research

City

Tabriz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Tabriz University of medical sciences

Full name of responsible person

Dr.Farhoudi

Street address

Golgasht street, Faculty of medicine

City

Tabriz

Grant name

Grant code / Reference number

grant code: 87-5 -- thesis code:87/3-5/6

**Is the source of funding the same sponsor
organization/entity?**

Yes

Title of funding source

Tabriz University of medical sciences

Proportion provided by this source

100

Public or private sector

empty

Domestic or foreign origin

empty

Category of foreign source of funding

empty

Country of origin

Type of organization providing the funding

empty

Person responsible for general inquiries

Contact

Name of organization / entity

Tabriz University of medical sciences

Full name of responsible person

Mirmohsen Sharifi Bonab

Position

MD, Resident of neurology specialty degree

Other areas of specialty/work**Street address**

Elgoli ave. Razi university hospital, neurology department

City

Tabriz

Postal code**Phone**

+98 912 688 0416

Fax**Email**

amirmohsen57@yahoo.com

Web page address

+98 41 1336 4672

Fax**Email**

d.savadi@yahoo.com

Web page address

Person responsible for updating data

Contact

Name of organization / entity

Tabriz University of medical sciences

Full name of responsible person

Rogayyeh shami

Position

Professional

Other areas of specialty/work**Street address**

Razi hospital elgoli ave.

City

Tabriz

Postal code**Phone**

1- +984113810810 2-9144027218

Fax**Email**

1- shami_20062001@yahoo.com

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Tabriz University of medical sciences, Tabriz, Iran

Full name of responsible person

Dr Daryoush savadi oskouei

Position

Specialist and Associate professor of neurology

Other areas of specialty/work**Street address**

Neurology department, Imam reza University hospital, Golgasht ave.

City

Tabriz

Postal code**Phone**

Sharing plan

Deidentified Individual Participant Data Set (IPD)

empty

Study Protocol

empty

Statistical Analysis Plan

empty

Informed Consent Form

empty

Clinical Study Report

empty

Analytic Code

empty

Data Dictionary

empty